503505425 10/01/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3552051

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIC D. DECKER	06/06/2012
DUWAYNE D. MULHALL	06/05/2012
KENWOOD H. HALL	05/31/2012
RICHARD O. RUGGERI	05/31/2012
HARSH SHAH	06/26/2012
ANDREAS P. FRISCHKNECHT	06/01/2012
SCOTT A. PIERCE	05/31/2012
TERENCE S. TENORIO	05/31/2012
GREGORY J. SVETINA	06/01/2012

RECEIVING PARTY DATA

Name:	ROCKWELL AUTOMATION TECHNOLOGIES, INC.
Street Address:	1 ALLEN-BRADLEY DRIVE
City:	MAYFIELD HEIGHTS
State/Country:	OHIO
Postal Code:	44124

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14872517

CORRESPONDENCE DATA

Fax Number: (414)225-9753

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 414-382-4946

Email: docketing@boylefred.com

ROCKWELL AUTOMATION, INC./BF ATTENTION: Correspondent Name:

Address Line 1: 1201 SOUTH SECOND STREET Address Line 4: MILWAUKEE, WISCONSIN 53204

ATTORNEY DOCKET NUMBER: 2012P088US1CON1(1506.594)

NAME OF SUBMITTER: ERIC L. SCHLEVENKY

SIGNATURE:	/Eric L. Schlevensky/
DATE SIGNED:	10/01/2015
Total Attachments: 20	
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12AB088-US-A (1506.317)

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

WHEREAS, BRET S. HILDEBRAN, 17810 Geauga Lake Road, Chagrin Falls, OH 44023; ERIC D. DECKER, 1343 Bel Air Circle, Macedonia, OH 44058; DAVID A. PASELA, 3576 Jasmine Drive, Seven Hills, OH 44131; DUWAYNE D. MULHALL, 4278 Padanarum Rd., Geneva, OH 44041; JOHN J. KOLAT, 7336 Case Ave., Mentor, OH 44060; CHARMAINE J. VAN MINNEN, 615 Cedar Bark Drive, Aurora, OH 44202; PETER M. DELIC, 37525 Rogers Road, Willoughby, OH 44094; ROBERT J. KRETSCHMANN, 28915 Osborn Road, Bay Village, OH 44140; KENWOOD HALL, 1768 East Sapphire Drive, Hudson, OH 44236; RICHARD O. RUGGERI, 10155 Charlton Ln., Novelty, Ohio 44072; HARSH SHAH, 6809 Mayfield Road, #357, Mayfield Heights, OH 44124; ANDREAS P. FRISCHKNECHT, 1001 Bukit Timah Road, #05-02 The Sterling, Singapore 596288; ANTHONY G. GIBART, 17035 West Small Road, New Berlin, WI 53151; MARK CHAFFEE, 404 Reserve Trail, Chagrin Falls, OH 44022; SCOTT A. PIERCE, 7521 Hermitage Road, Concord Township, OH 44077-9399; GREGG SICHNER, 7860 Kellogg Creek Drive, Mentor, OH 44060; TERENCE S. TENORIO, 6958 SOM Center Road, Solon, OH 44139; GREGORY J. SVETINA, 1746 Evergreen Drive, Streetsboro, OH 44241; and STEVEN A. ZUPONCIC, 6930 Silkwood Lane, Solon, OH 44139 (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in a INPUT MODULE FOR AN INDUSTRIAL CONTROLLER, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 12AB088-US-A in the patent files of ROCKWELL AUTOMATION TECHNOLOGIES, INC. having a principal place of business at 1 Allen-Bradley Drive, Mayfield Heights, Ohio 44124.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these present do sell, assign and transfer unto ROCKWELL AUTOMATION TECHNOLOGIES, INC. the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said ROCKWELL AUTOMATION TECHNOLOGIES, INC., for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

{Assignment.docx / }

Page 1 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC

Signed:	Date:
But & Hellen	1 31-MAY-2012
BRET S. HILDEBRAN	
CERTIFICATE O	DF ACKNOWLEDGMENT
State of	
County of Culabora	
on_May 31,2012 perox	icer (e.g., "Jane Doe, Notary Public")
Name and Title of Off	icer (e.g., "Jane Doe, Notary Public")
personally appeared <u>BRET S. HILDEBRAN</u> Name(s) of Signer(s)	
	personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
THE REAL PROPERTY OF THE PARTY	WITNESS my hand and official seal

Signature of Witness

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Page 2 of 20

PATENT REEL: 036704 FRAME: 0838

Yvette Steiger Notary Public - State of Ohlo Cuyehoga County Comm. Exp June 23, 2014

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
Eccelcela	6-6-2012
ERIC D. DECKER	
State of CERTIFICATE C	OF ACKNOWLEDGMENT
Curohaea	
on twe 6, 2012 before	icer (e.g., "Jane Doe, Notary Public")
Name and Title of Off	icer (e.g., "Jane Doe, Notary Public")
personally appeared <u>Eric D. Decker</u> Name(s) of Signer(s)	
	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
ALLEN NO DE CHARLES OF	WITNESS my hand and official seal. Signature of Witness Yvette Steiger Notary Public - State of Ohlo Cuyahoga County Comm. Exp June 23, 2014

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Page 3 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed: DAVID A. PASELA DAVID A. PASELA	Date:
State of CERTIFICATE O	OF ACKNOWLEDGMENT
County of <u>uyahogh</u> On <u>May 31, 2012</u> before Name and Title of Offi	icer (e.g., "Jane Doe, Notary Public")
personally appeared <u>David A. Pasela</u> Name(s) of Signer(s)	·•····
WALL STATE OF THE	personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.
(SEAL)	Signature of Notary Public My Commission Expires:

Page 4 of 20

Yvette Steiger Notary Public - State of Ohlo Cuyahoga County Comm. Exp June 23, 2014

${\small \textbf{ASSIGNMENT OF INVENTION}} \\ {\small \textbf{TO}} \\ {\small \textbf{ROCKWELL AUTOMATION TECHNOLOGIES, INC.}} \\$

Signed:	Date:
Dune DI InCh	4l 5-5m-2012
DUWAYNE D. MULHALL	**************************************
CEDTTETCAT	E OF ACKNOWLEDGMENT
State of Ohio	E OF ACRINOWILEDOMENT
County of <u>Cujahoga</u> On <u>June 5, 2012 be For</u> Name and Title of G	Officer (e.g., "Jane Doe, Notary Public")
personally appeared <u>Duwayne D. Mulhall</u> Name(s) of Signer(s	
SEA OF OF OTHER	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public My Commission Expires: July 23 2014 Yvette Stelger Notary Public - State of Ohlo Cuyahogo County

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Page 5 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
JOHN J. KOLAT	5/31/12
	DF ACKNOWLEDGMENT
On May 31 2012 before Name and Title of Off	icer (e.g., "Jane Doe, Notary Public")
personally appeared <u>John J. Kolat</u> Name(s) of Signer(s)	
STUTE OF A. NO.	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
(SEALS OF OHLOW	WITNESS my hand and official seal. Signature of Notary Public My Commission Expires: Yvette Steiger Notary Public - State of Ohlo Cuyahoga County Coram. Exp June 23, 2014

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Page 6 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
C- WV.C-	5/31/12
CHARMAINÉ J. VAN MINNEN	
<u>CERTIFICATE (</u>	DF ACKNOWLEDGMENT
State of Shio	
County of CuyahopA	
on May 31,2012 be 8	icer (e.g., "Jane Doe, Notary Public")
Name and Title of On	icer (e.g., "Jane Doe, Notary Public")
personally appeared <u>Charmaine J. Van Minne</u> Name(s) of Signer(s)	en
	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
ER NO	WITNESS my hand and official seal. Signature of Notary Public My Commission Expires:
The OF Others	Yvette Steiger Notary Public - State of Ohlo Cuyahoga County Coron Exp. June 23, 2014

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Page 7 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed: PETER M. DELIC	Date:
State of his	DE ACKNOWLEDGMENT - Lette Sterger Notary Public")
personally appeared Peter M. Delic Name(s) of Signer(s)	
(SEAL)	personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public Yvette Steiger Notary Public - State of Ohlo Cuyahoga County Coram. Exp June 23, 2014

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Page 8 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
ROBERT J. KRETSCHMANN	May 31, 2012
	OF ACKNOWLEDGMENT
County of Cujahoga- On May 31,2012 Delaga Name and Title of Off	icer (e.g., "Jane Doc, Notary Public")
personally appeared Robert J. Kretschmann Name(s) of Signer(s)	
(SEAL)	personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public My Commission Expires:

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Page 9 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
KENWOOD HALL	MAY 31, 2012
CERTIFICATE O	OF ACKNOWLEDGMENT
State of UNIO	
County of <u>Culanegy</u>	. (
on May 31,2012 before	e Teice North Public")
Name and Title of Off	ficer (e.g., "Jane Doe, Notary Public")
personally appeared Kenwood Hall Name(s) of Signer(s)	
	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
(SEAE)WARDED OF ONLY	WITNESS my hand and official seal. Signature of Notary Public My Commission Expires: 144 23 2014

Yvette Steiger Notary Public - State of Ohlo Cuyahoga County Comm. Exp June 23, 2014

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Page 10 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
Milado Ruggin RICHARD O. RUGGERI	5-31-2012
CERTIFICATE OF ACKNOWLEDGMENT State of	
(SEAL)	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public My Commission Expires:

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Page 11 of 20

	12AB088-US-A (1506.317) DDULE FOR AN INDUSTRIAL CONTROLL ASSIGNMENT OF INVENTION TO ELL AUTOMATION TECHNOLOGIES, INC	CO (NOR SHOW)
Signed:	Date:	NOTARIAL NOTARIAL
HARSH SHAFI	26 th 30A	1/ <u>6_2</u> 012. 5 JUN 20 12'
CEI	STIFICATE OF ACKNOWLEDGMENT	
State of AUTIMENT	a commence of the commence of	
County of (1815)	CORN. COMMING CO. L. C. C. Margin Margin Control	
On P. Ch. De 197 Dame a	a 15	12 Malay Public
personally appeared <u>Harsh Sha</u> Name(s)	h of Signer(s)	
	personally known to me - OR basis of satisfactory evidence to name is subscribed to the acknowledged to me that he exauthorized capacity, and that be instrument the person, or the entithe person acted, execut WITNESS my hand and official Signature of Notary Public My Commission Expires:	to be the person whose within instrument and secuted the same in his by his signature on the ity upon behalf of which ted the instrument.
OF THE RESIDENCE OF THE PARTY O	KISHORIZ RI BOWEJI	MMISSION EXPIRES ON 28-8-2012 Constitute ON 20-8-2012 PROVINCE STATE DESCRIPTION DESCRIPTI

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
tichleu-ech	2012/6/0
ANDREAS P. FRISCHNECHT	
· K ·	
WITNESSES CERTIFICATE OF A	CKNOWLEDGMENT
First Witness Signature:	
Printed Name: Hu Wei	
Date:	age age and a state of the stat
Second Witness Signature:	
Printed Name: Dextw Leong	
Date:	
- 1	

Page 13 of 20

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ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
ANTHONY G. GIBART	6/22/2012
State of U.SCGNSIN	DF ACKNOWLEDGMENT
County of MI Wavee	
County of Milwaukee On June 22, 2 Name and Title of Off	OLZ,
personally appeared <u>Anthony G. Gibart</u> Name(s) of Signer(s)	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and
NO TARY	acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
(SEAL)	WITNESS my hand and official seal. Signature of Notary Public My Commission Expires: April 15, 2014

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Page 14 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
MARK CHAFFEE (Robb)	<u>«/ij12</u>
State of Ship	of ACKNOWLEDGMENT Light Steige North Public (e.g., "Jane Doc, Notary Public")
personally appeared <u>Mark Chaffee</u> Name(s) of Signer(s)	·
(SEAR)	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public

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Page 15 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed: SCOUT A. PIERCE	Date: 5 31 2012
State of Chi O	efore Vette Steise Wotan Rude Officer (e.g., "Jane Doe, Notary Public")
personally appeared Scott A. Pierce Name(s) of Signer(s)	personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my handl and official seal. Signature of Notary Public — 23 2014 Yvette Stelger Notary Public - State of Onlo Cuyshoga County Ryp June 23, 2014

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Page 16 of 20

ASSIGNMENT OF INVENTION

ТО

ROCKWELL AUTOM	ATION TECHNOLOGIES, INC.
Signed: GREGG SICHNER	Date:
State of Child County of CuyahogA On May 31,2012 before	OF ACKNOWLEDGMENT OC TVENE Sterces Notary Public ") Joseph Grand Public"
SELECTION OF ORIGINAL PROPERTY	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public My/Commission Expires:

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Page 17 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
	5-31-12
TERENCE S. TENORIO	
<u>CERTIFICATE O</u>	F ACKNOWLEDGMENT
State of	
County of CuyahopA	
on May 31,2012 bet	cerce q "Jane Doe Notary Public")
Name and Title of Offi	cer (e.g., "Jane Doe, Notary Public")
personally appeared <u>Terence S. Tenorio</u> Name(s) of Signer(s)	
	_ personally known to me - OR proved to me on the

(SEAL)

basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

My Commission Expires:

Yvette Steiger Notary Public - State of Ohlo Cuyahoga County Comm. Exp June 23, 2014

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Page 18 of 20

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:	Date:
GREGORY 8. SVETINA	6/1/2012
CERTIFICATE O	OF ACKNOWLEDGMENT
State of South Carolina	
County of CONE C	
On Wend Holcomby Name and Title of Of	Notac, Pudi'C. ficer (e.g., "Jane Doe, Notary Public")
personally appeared <u>Gregory J. Svetina</u> Name(s) of Signer(s)	
	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.
(SEAL)	Signature of Notary Public My Commission Expires: August 31, 2016

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Page 19 of 20

${\begin{tabular}{l} {\bf ASSIGNMENT OF INVENTION}\\ {\bf TO}\\ {\bf ROCKWELL AUTOMATION TECHNOLOGIES, INC.}\\ \end{tabular}$

Signed:	Date:
Steven A. Suponcis STEVEN A. ZUPONCIC	Juna 1.ed, 2012
State of	DF ACKNOWLEDGMENT E / V. Me Sier (c.g., "Jane Doe, Notary Public")
personally appeared <u>Steven A. Zuponcic</u> Name(s) of Signer(s)	
(SEA STANDARD OF OHIO	_ personally known to me - OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary Public Yvette Steiger Notary Public - State of Ohlo Cuyahoga County

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RECORDED: 10/01/2015

Page 20 of 20